

Title (en)

Basecoat/clearcoat method of coating utilizing an anhydride additive in the thermoplastic polymer-containing basecoat for improved repairability.

Title (de)

Basis-/Klarlack-Überzugsverfahren, wobei zwecks verbesserter Reparierbarkeit ein Anhydrid-Zusatzstoff in dem einen Thermoplasten enthaltenden Basislack verwendet wird.

Title (fr)

Méthode de revêtement par vernis de base-verniss clair à réparabilité améliorée utilisant un additif anhydride dans un vernis de base contenant un polymère thermoplastique.

Publication

**EP 0304816 A1 19890301 (EN)**

Application

**EP 88113493 A 19880819**

Priority

US 8832887 A 19870824

Abstract (en)

Disclosed is a method of coating comprising the steps of: (I) coating a substrate with one or more applications of a pigmented basecoating composition comprising a thermoplastic, non-crosslinked, film-forming polymer having at least two functional groups per molecule which functional groups are co-reactive with acid anhydride moieties, to which basecoating composition has been added within 24 hours prior to coating the substrate, a carboxylic acid anhydride component having at least two cyclic anhydride groups in an amount so as to provide a ratio of equivalents of anhydride groups to equivalents of the co-reactive functional groups of at least 0.10:1.00 to form a basecoat; and (II) coating the basecoat with one or more applications of a transparent, crosslinking, topcoating composition comprising a crosslinkable, film-forming material and a crosslinking agent for the crosslinkable, film-forming material to form a transparent topcoat.

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IPC 8 full level

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CPC (source: EP US)

**B05D 5/005** (2013.01 - EP US); **B05D 7/534** (2013.01 - EP US)

Citation (search report)

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- DE 2262069 A1 19740627 - BASF AG
- US 4650718 A 19870317 - SIMPSON DENNIS A [US], et al

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